

Figure 1-1: Tensile Strength vs. Exposure Time

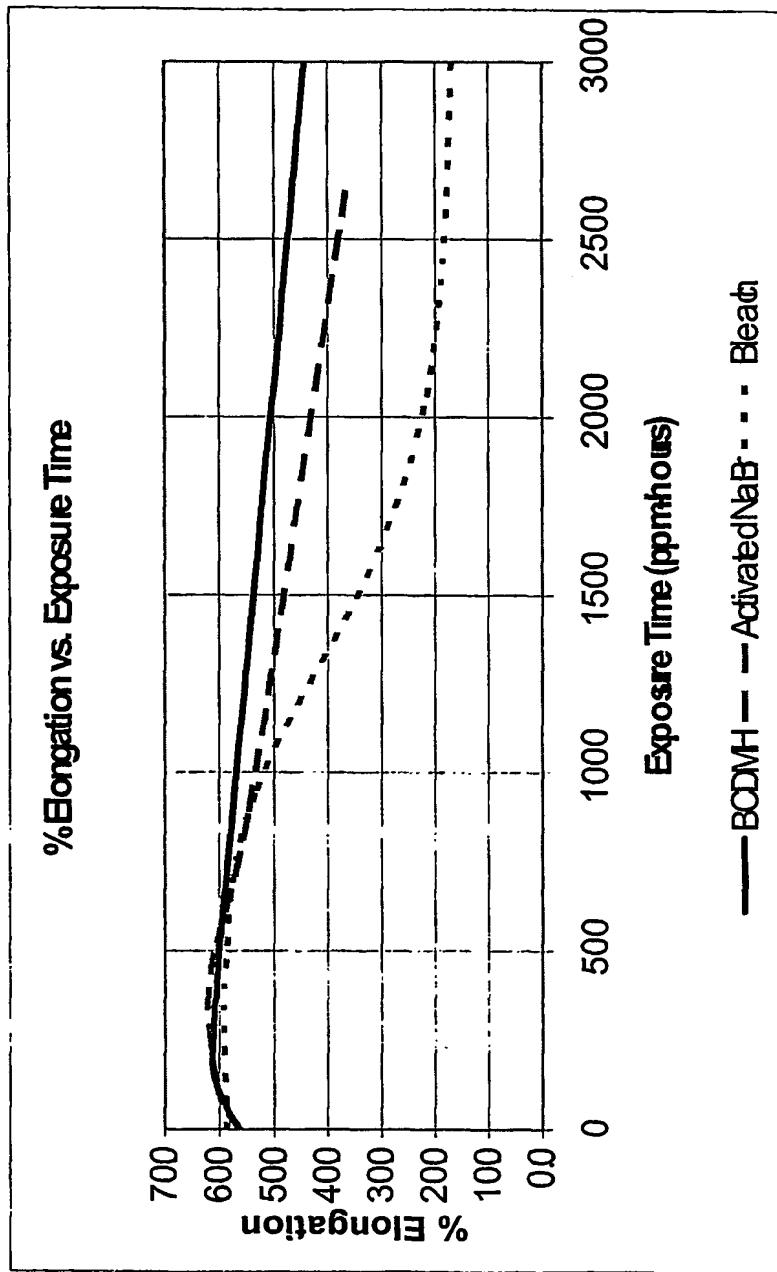


Figure 1-2: % Elongation vs. Exposure Time

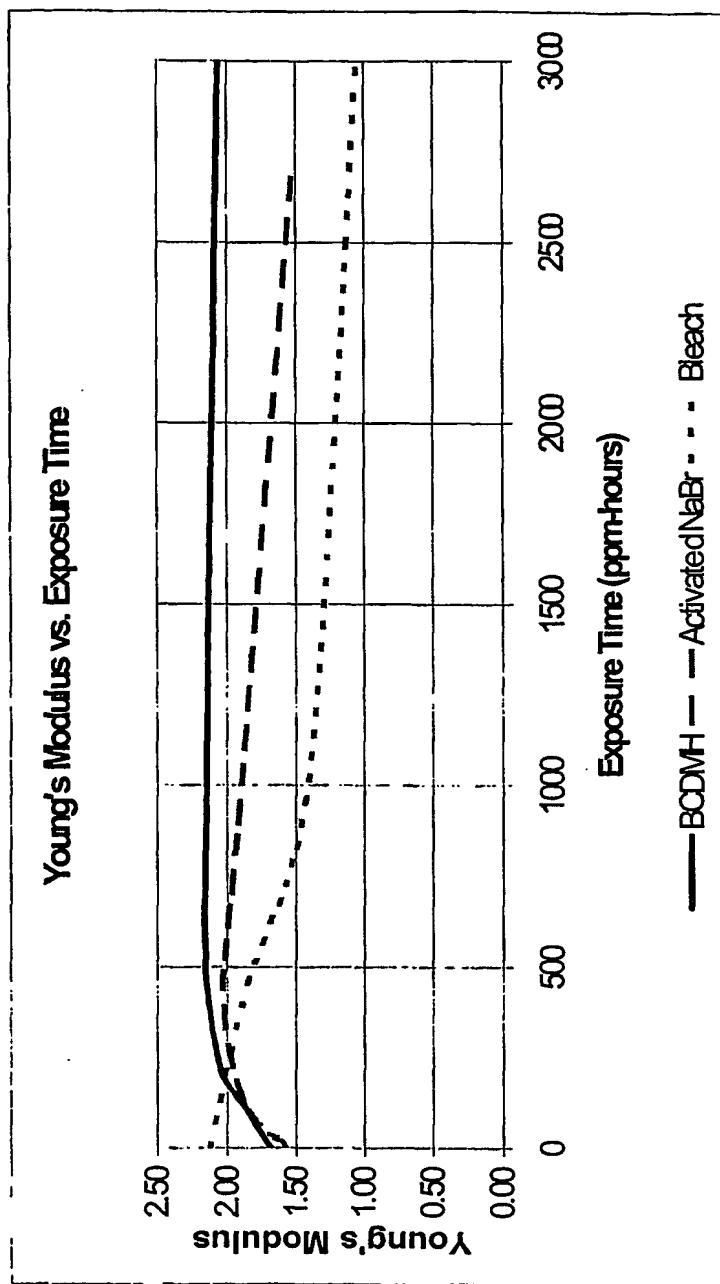
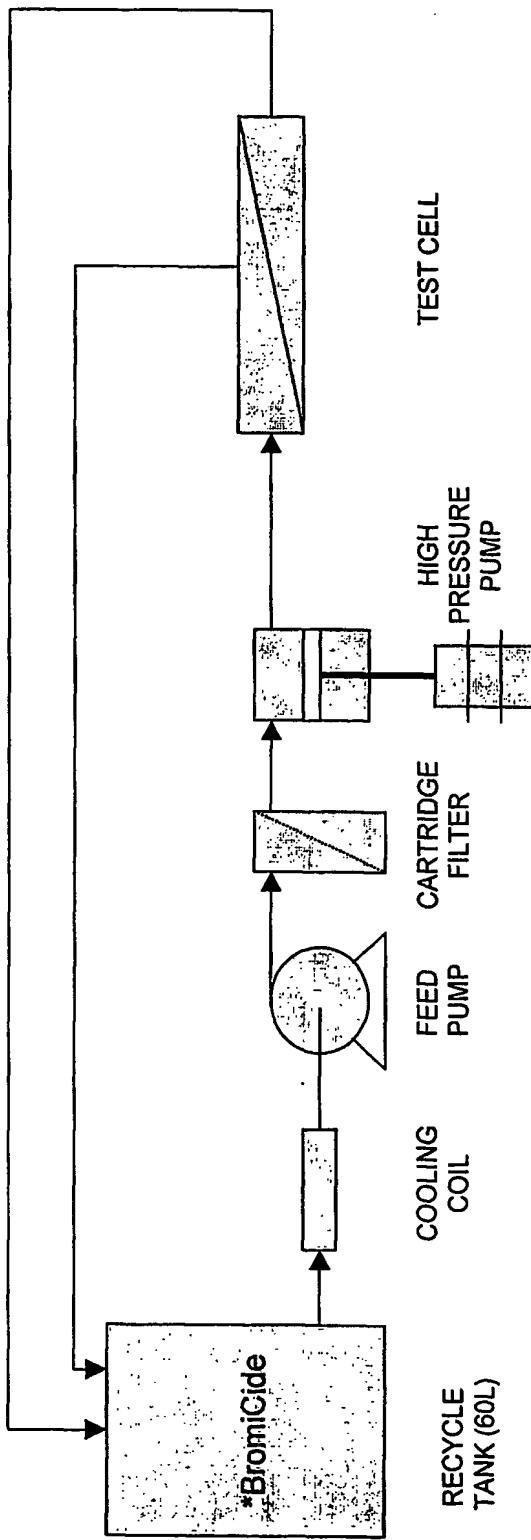


Figure 1-3: Young's Modulus vs. Exposure Time

Flat Plate Test Cell



*BromiCide injection point was directly into recycle tank.

Figure 2-1

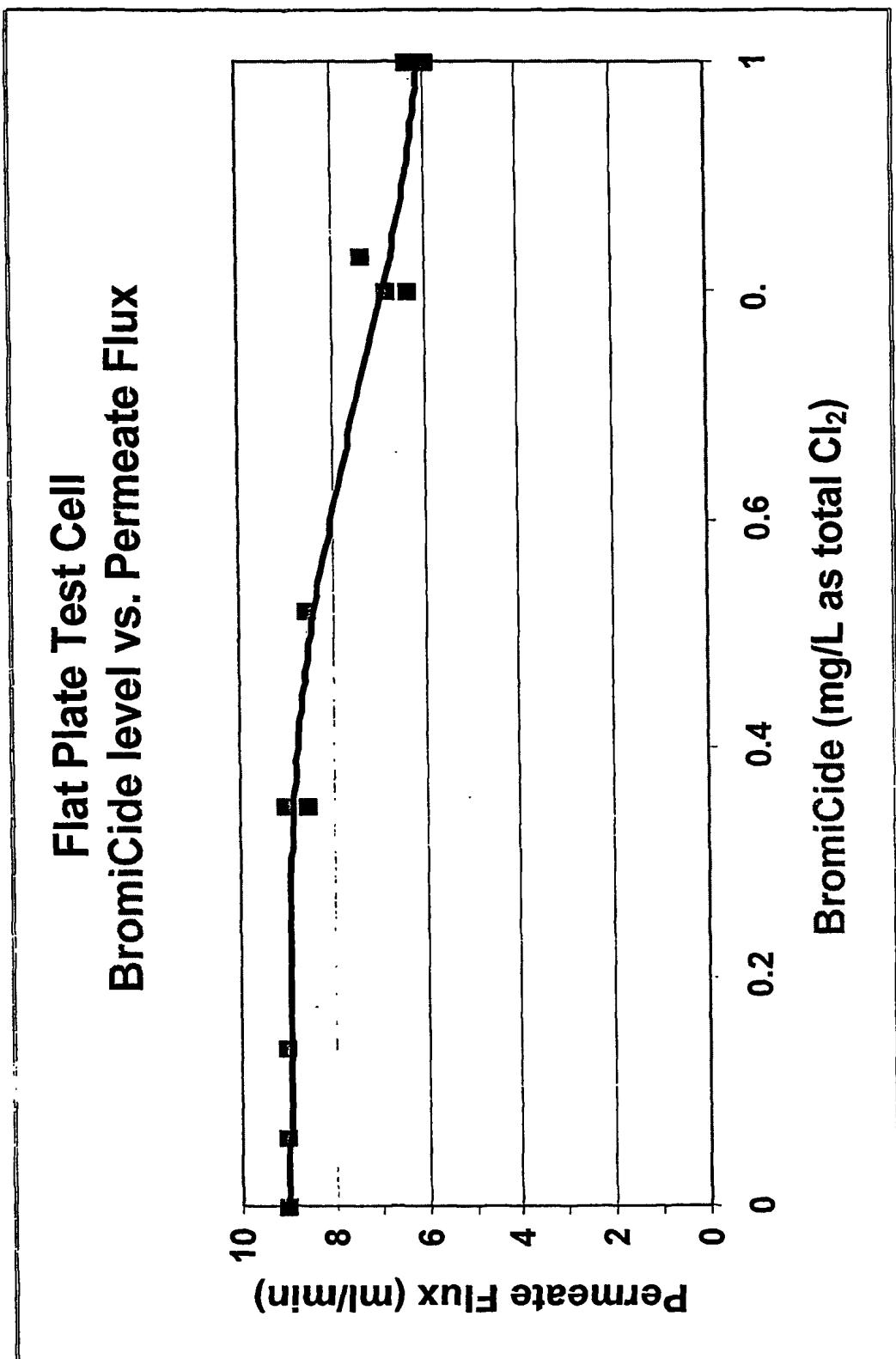
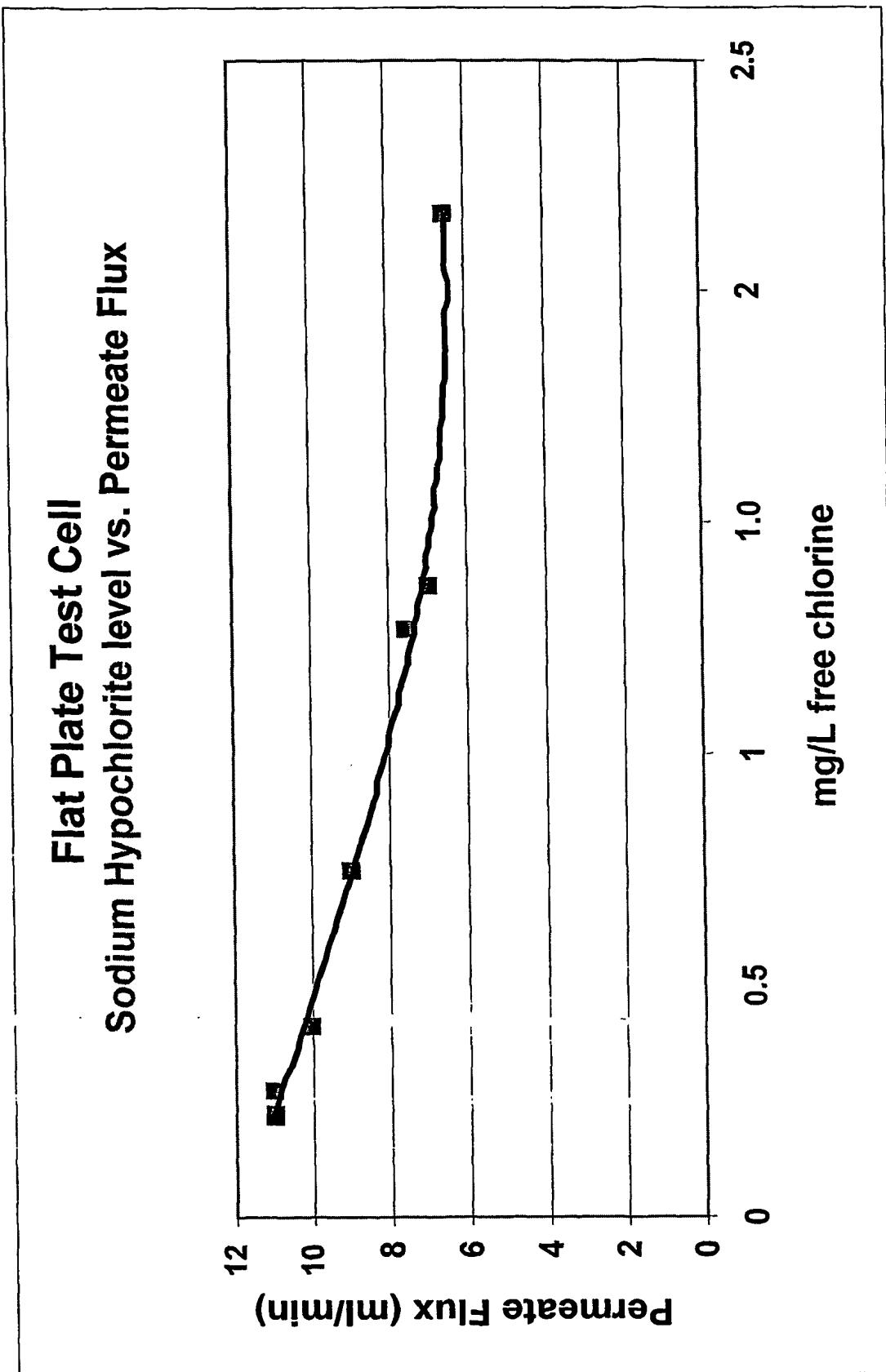


Figure 2-2



Note: There was an immediate loss in permeate flux when feeding Sodium Hypochlorite.

Figure 2-3

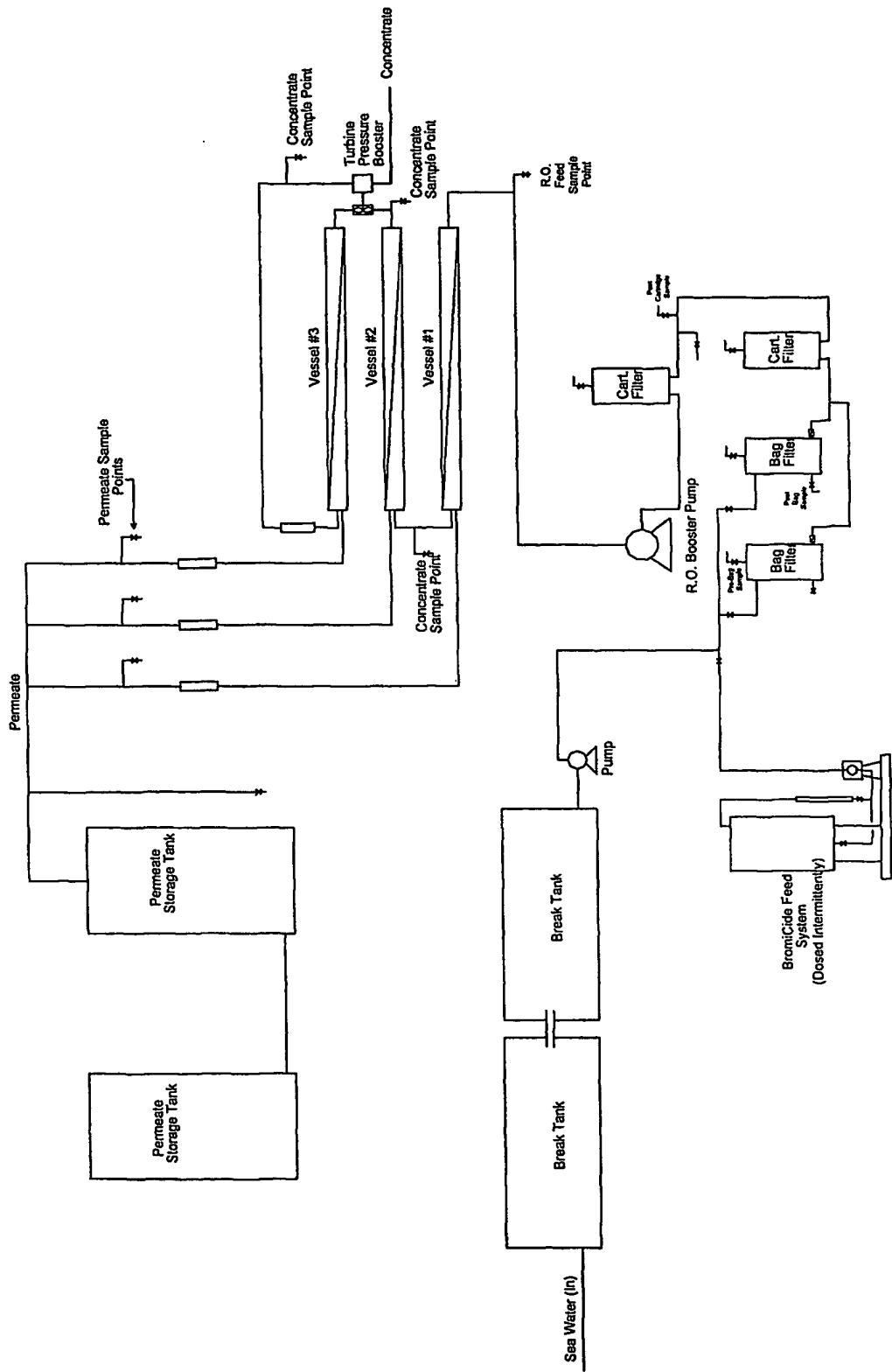
St. Croix R.O. system flow schematic

WO 2004/022491

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Figure 3-1



**Normalized Permeate Flow Rate
(BCDMH dosed 4hrs./day)**

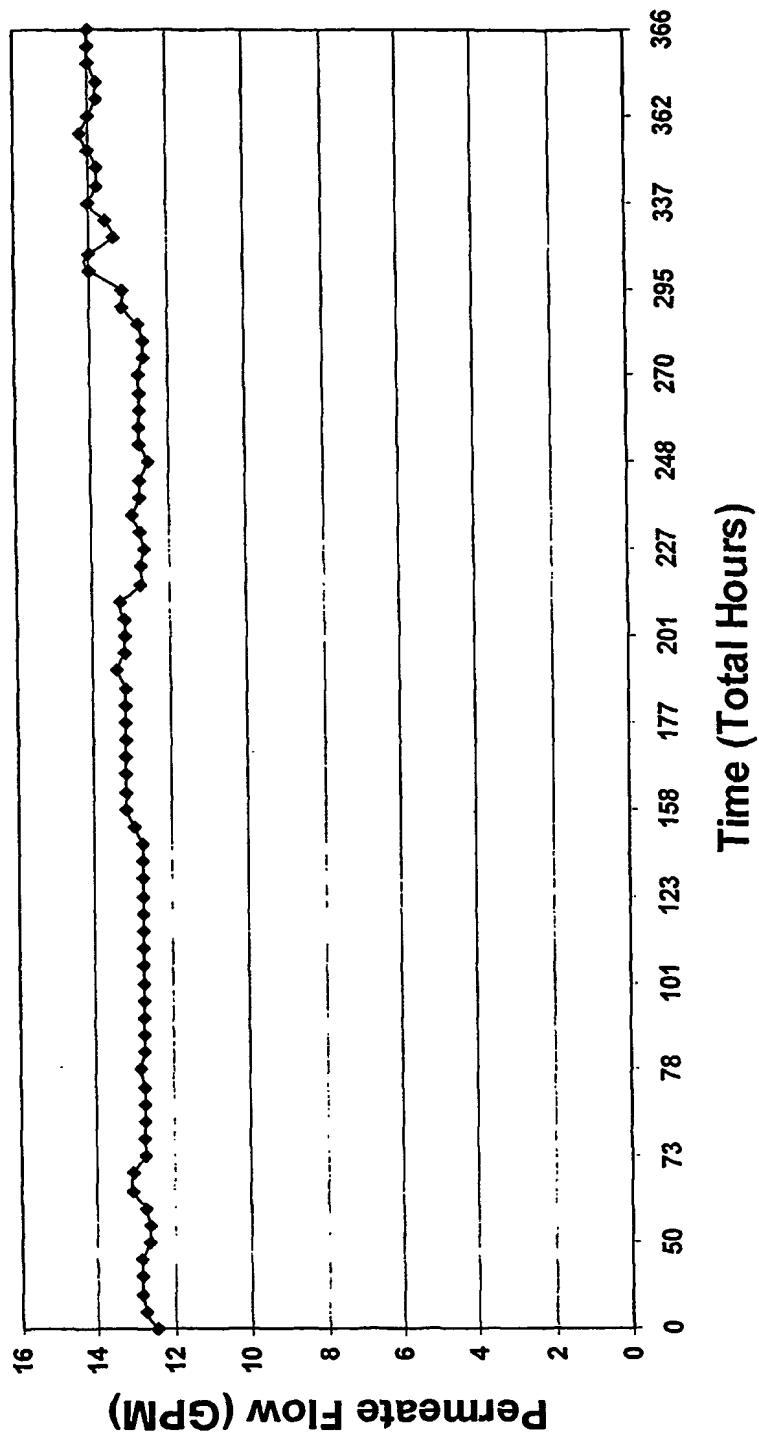


Figure 3-2

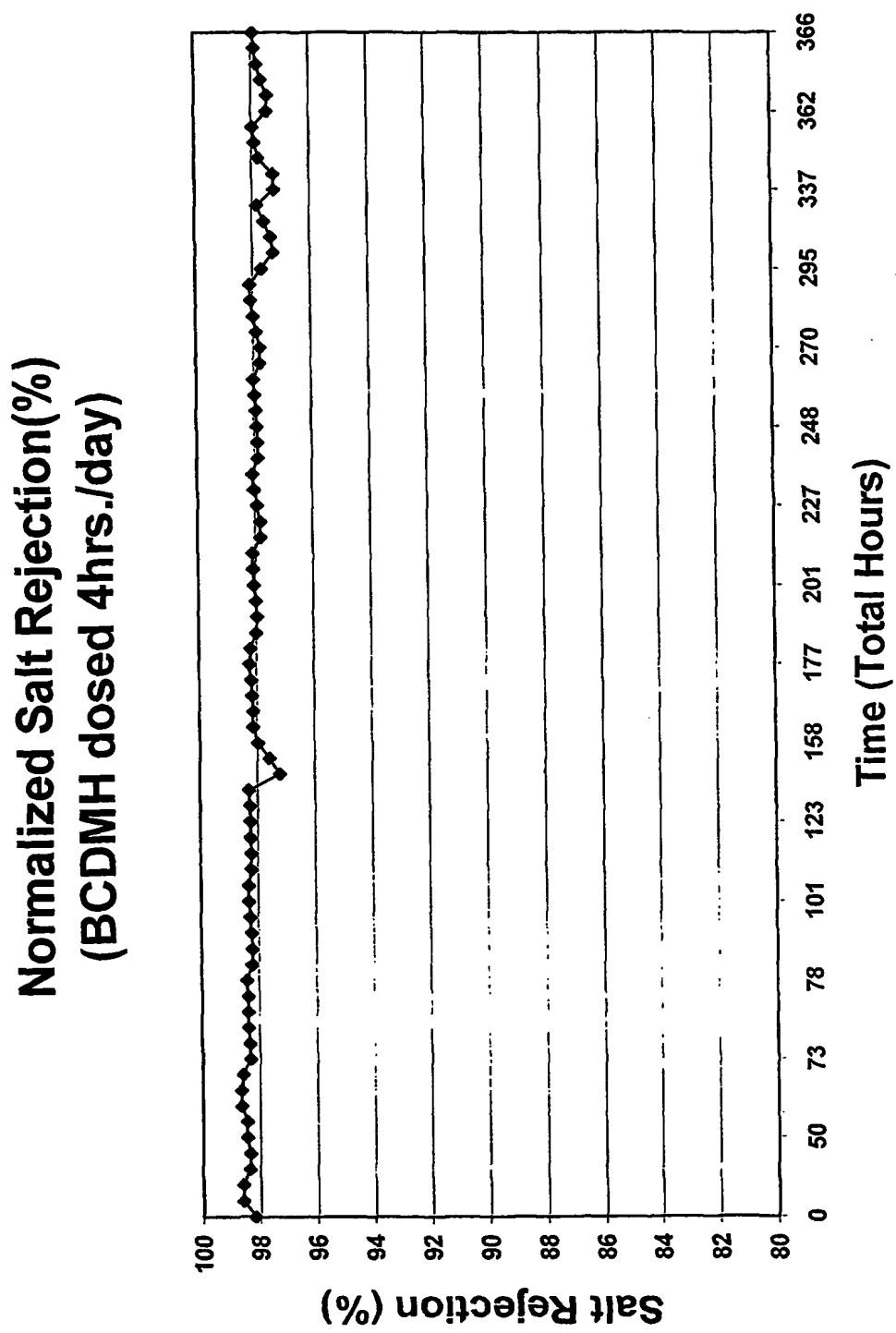


Figure 3-3

RO pilot plant

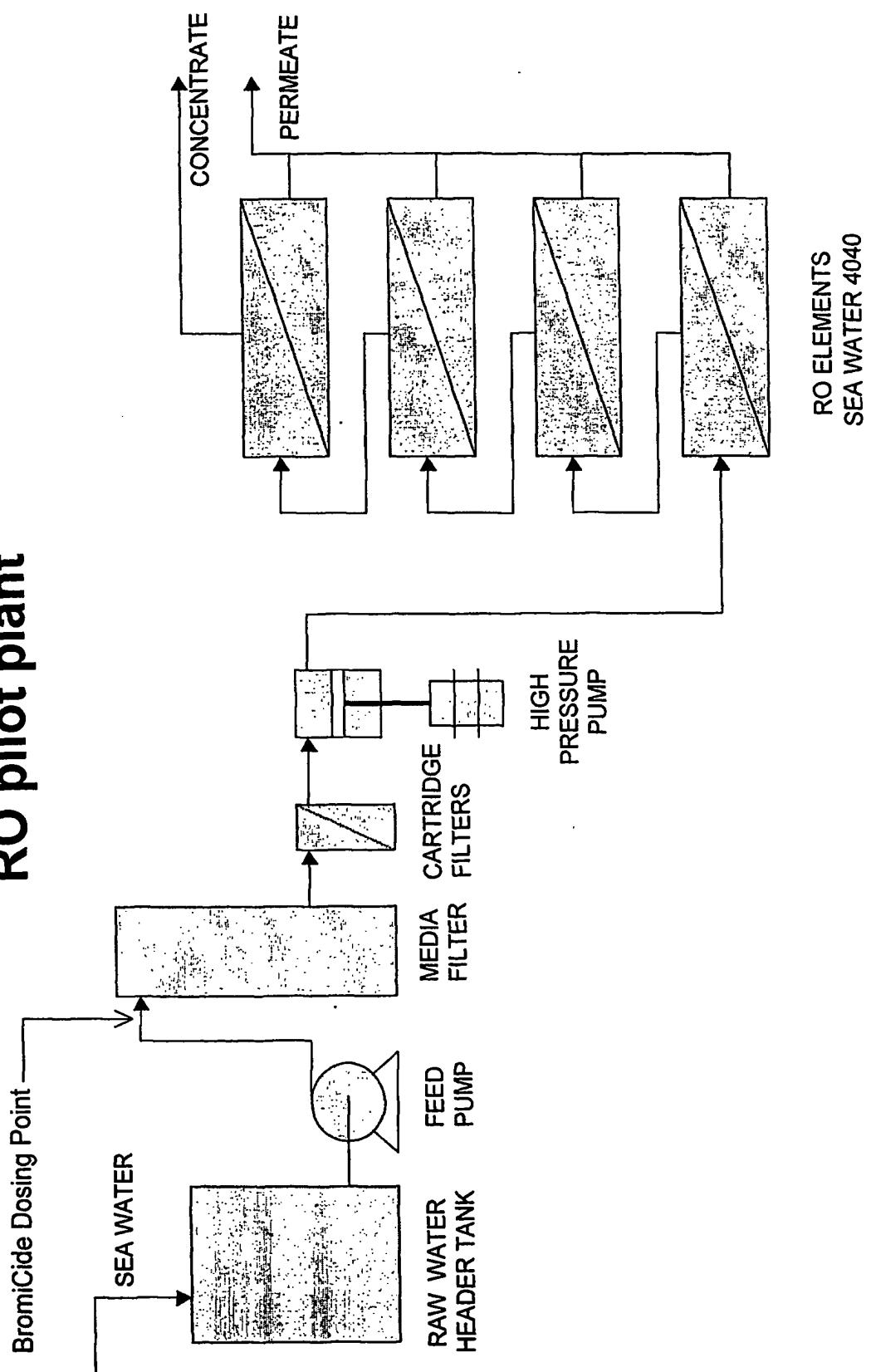
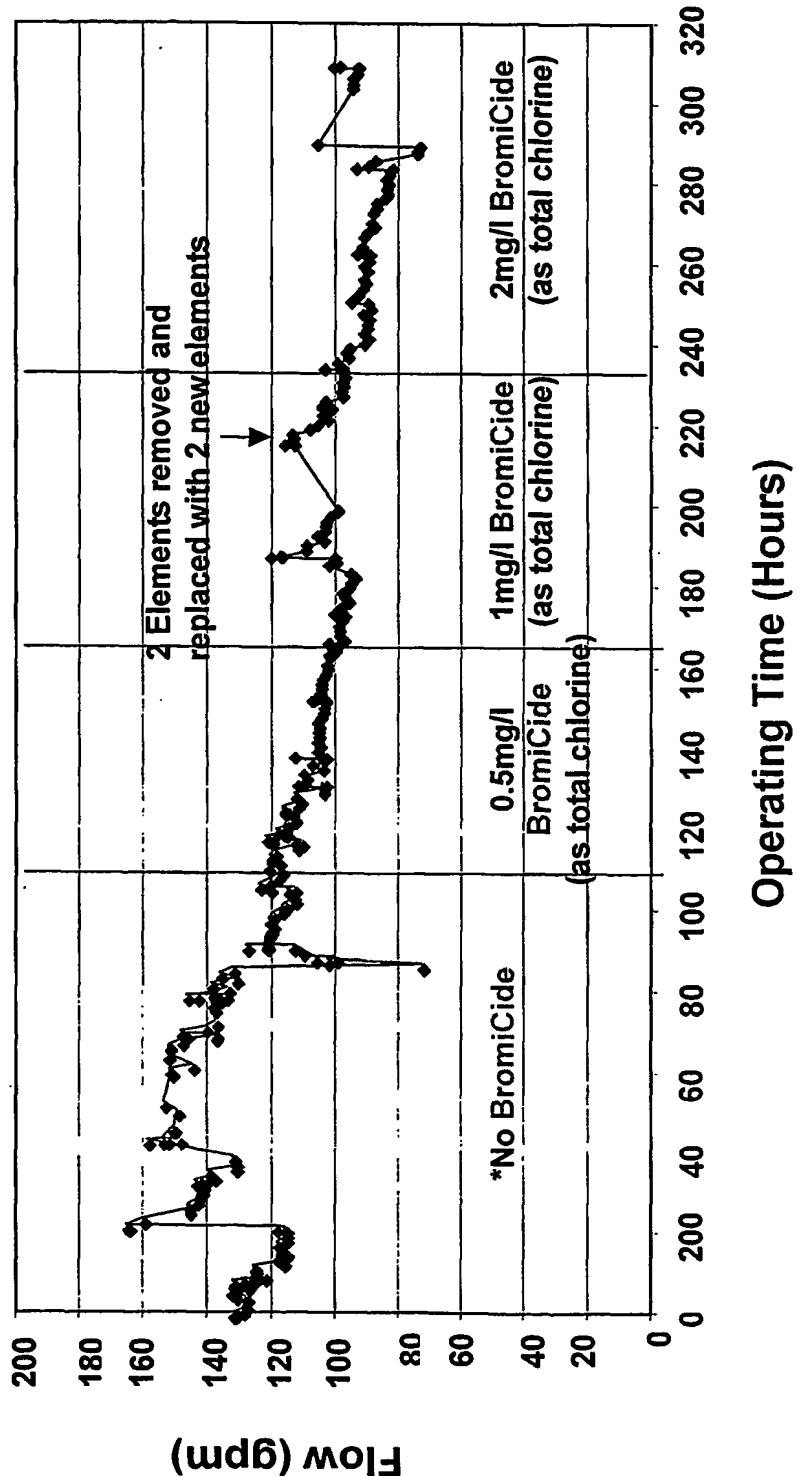


Figure 4-1

RO/BromiCide pilot plant test - Amlwch Anglesey

Normalized Permeate Flow
(Hydranautics Membranes)



Note: Initial decline in normalized permeate flow rate was observed due to silt fouling prior to the introduction of BromiCide into the feed.

Figure 4-2

RO/BromiCide pilot plant test - Amlwch Anglesey
Normalized Salt Rejection
(Hydranautics Elements)

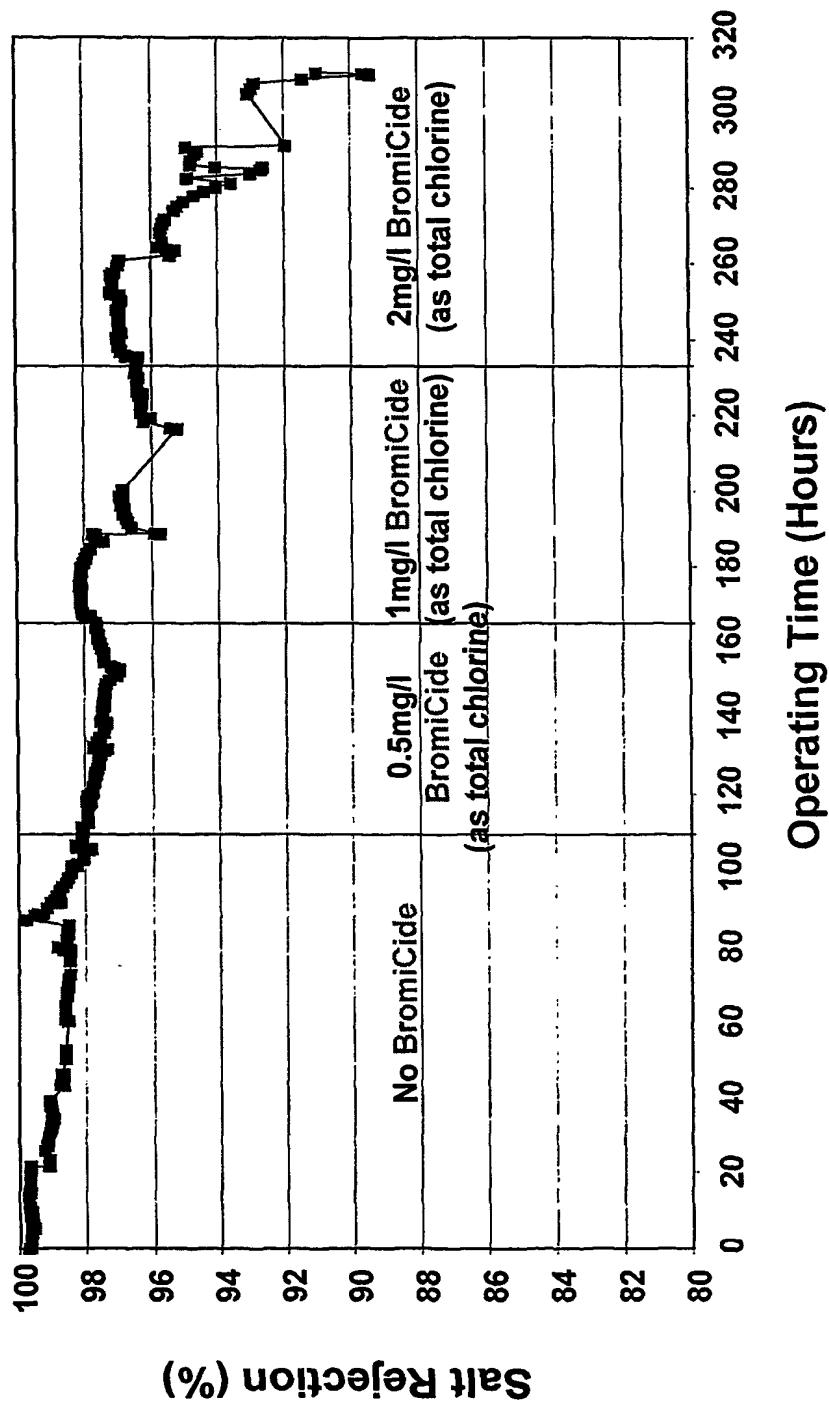


Figure 4-3

Table I: Cross Sectional Areas of Fibers

Sample Number	Cross Sectional Areas of Differing Fibers		
	BCDMH	Activated NaBr	Bleach
Blank	1.19	1.19	1.19
1	1.23	1.12	1.11
2	1.19	1.14	1.15
3	1.09	1.11	1.22
4	1.09	1.10	1.21